

Title (en)
EXHAUST GAS COOLER, IN PARTICULAR FOR A MOTOR VEHICLE

Title (de)
ABGASKÜHLER, INSBESONDERE FÜR EIN KRAFTFAHRZEUG

Title (fr)
DISPOSITIF DE REFROIDISSEMENT DES GAZ D'ÉCHAPPEMENT DESTINÉ EN PARTICULIER À UN VÉHICULE À MOTEUR

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Application
EP 07765061 A 20070705

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Abstract (en)
[origin: WO2008003486A1] The invention relates to an exhaust gas cooler, in particular for a motor vehicle, comprising an inlet diffuser (1) for feeding an exhaust gas flow, an exchange area comprising a plurality of exchange pipes (3) that extend in the axial direction, the exchange pipes (3) being received on one end on a first, inlet-sided base section (4) and on its other end on a second outlet-sided base section (5), an outlet diffuser (6) that is opposite the inlet diffuser (1) and that is used to discharge the exhaust gas flow, and a housing (7) that can be cross-flown by a coolant. The housing (7) is made of a material that is not resistant to high temperatures, in particular plastic or aluminium. A first seal (8) is arranged between the inlet diffuser (1) and the first base section (4) for sealing the exhaust gas counter to the outside, and a second seal (9) is arranged between the first base section (4) and the housing (7) for sealing the coolant counter to the outside.

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